

INTERNATIONAL SEARCH REPORT

Inte nal Application No
PC1/1B2004/051059

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B9/00 G11B7/26

According to International Patent Classification (IPC) or to both national classification and IPC:

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used).

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>B. D. TERRIS ET AL: "Nanoscale replication for scanning probe data storage" APPL.PHYS. LETT., vol. 69, no. 27, 30 December 1996 (1996-12-30), XP002301943 page 4262 - page 4264</p> <hr/>	1,2,4,8, 10
Y		12,15
A		13,14
X	<p>H.J. MAMIN: "Thermal writing using a heated atomic force microscope tip" APPL. PHYS. LETT., vol. 69, no. 3, 15 July 1996 (1996-07-15), XP002301944 page 433 - page 435</p> <hr/>	1-15, 17-19

Further documents are listed in the continuation of box C.

V Patent family members are listed in annex.

• Special categories of cited documents:

- A*** document defining the general state of the art which is not considered to be of particular relevance
- E*** earlier document but published on or after the International filing date
- L*** document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O*** document referring to an oral disclosure, use, exhibition or other means
- P*** document published prior to the International filing date but later than the priority date claimed.

- *T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *& document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

27 October 2004

F1 D. 01. 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Stemmer, M

INTERNATIONAL SEARCH REPORT

In
al Application No
PCT/IB2004/051059

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/110177 A1 (HARADA AKIO ET AL) 15 August 2002 (2002-08-15) paragraphs '0043! - '0064! paragraphs '0085! - '0093! -----	1-4, 6
X	WO 02/37488 A (BINNING GERD K ; DESPONT MICHEL (CH); VETTIGER PETER (CH); IBM (US)) 10 May 2002 (2002-05-10) page 1, line 19 – page 2, line 5 page 9, lines 4-28 page 12, lines 3-28 -----	1, 3, 5, 9
Y	US 2002/168592 A1 (GUERRA JOHN M ET AL) 14 November 2002 (2002-11-14) paragraphs '0010!, '0031! – '0037! -----	12, 15
X	US 2001/038598 A1 (DRECHSLER UTE ET AL) 8 November 2001 (2001-11-08) paragraphs '0008!, '0009! -----	1

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2004/051059

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002110177	A1	15-08-2002	JP	2002243880 A		28-08-2002
WO 0237488	A	10-05-2002	AU	8615601 A		15-05-2002
			CN	1473330 T		04-02-2004
			EP	1330823 A1		30-07-2003
			WO	0237488 A1		10-05-2002
			JP	2004513466 T		30-04-2004
			TW	550622 B		01-09-2003
US 2002168592	A1	14-11-2002	US	2002154590 A1		24-10-2002
US 2001038598	A1	08-11-2001	US	2004107770 A1		10-06-2004